

EXHIBIT A



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PTO/SB/08A (08-00)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449A/PTO</p> <h2 style="margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 10px 0;">(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/688,282
				Filing Date	October 13, 2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket Number	00101-137-USP

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,406,557		Baudoin	04/11/1995	
		5,455,823		Noreen et al.	10/03/1995	
		5,483,352		Fukuyama et al.	01/09/1996	
		5,564,018		Flores et al.	10/08/1996	
		5,557,659		Hyde-Thompson	09/17/1996	
		5,608,786		Gordon	03/04/1997	
		5,630,060		Tang et al.	05/13/1997	
		5,630,207		Gitlin et al.	05/13/1997	
		5,633,916		Goldhagen et al.	05/27/1997	
		5,649,305		Yoshida	07/15/1997	
		5,717,742		Hyde-Thompson	02/10/1998	
		5,726,643		Tani	03/10/1998	
		5,737,394		Anderson et al.	04/07/1998	
		5,737,395		Iribarren	04/07/1998	
		5,742,668		Pepe et al.	04/21/1998	
		5,745,689		Yeager et al.	04/28/1998	
		5,761,622		Priest	06/02/1998	
		5,796,394		Wicks et al.	08/18/1998	
		5,805,886		Skarbo et al.	09/08/1998	
		5,809,130		Ayala	09/15/1998	
		5,870,454		Dahlen	02/09/1999	
		5,812,795		Horovitz et al.	09/22/1998	
		5,828,882		Hinckley	10/27/1998	
		5,835,089		Skarbo et al.	11/10/1998	
		5,850,594		Cannon et al.	12/15/1998	
		5,872,926		Levec et al.	02/16/1999	
		5,875,436		Kikinis	02/23/1999	
		5,884,159		Thro et al.	03/16/1999	
		5,892,909		Grasso et al.	04/06/1999	
		5,905,495		Tanaka et al.	05/18/1999	
		5,913,032		Schwartz et al.	06/15/1999	
		5,938,725		Hara	08/17/1999	
		5,948,059		Woo et al.	09/07/1999	
		5,951,638		Hoss et al.	09/14/1999	
		5,961,590		Mendez et al.	10/05/1999	
		5,961,620		Trent et al.	10/05/1999	
		5,963,618		Porter	10/05/1999	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Country	Date of Publication of Cited Document MM-DD-YYYY
		Office ³	Number ⁴	Kind Code ⁵ (if known)		
			O 631 419 A1		Europe	12/28/1994
			EP 0 777 394 A1		Europe	06/04/1997
			WO 98/58476		PCT	12/23/1998



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				Filing Date	October 13, 2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	00101-137-USP

			WO 99 65256A		Logica, Inc.	12/16/1999	
			EP 0831 664 A2		Siemens Business Communication Systems, Inc.	09/19/1997	

Examiner Signature		Date Considered	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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		5,761,622		Priest	06/02/1998	
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		5,870,454		Dahlen	02/09/1999	
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		5,875,436		Kikinis	02/23/1999	
		5,884,159		Thro et al.	03/16/1999	
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		5,951,638		Hoss et al.	09/14/1999	
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				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	00101-137-USP

		WO 99 65256A	Logica, Inc.	12/16/1999	
		EP 0831 664 A2	Siemens Business Communication Systems, Inc.	09/19/1997	

Examiner Signature		Date Considered	
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Application No.
08/933,344

Applicant(s)
Helferich

Examiner
Thuan Nguyen

Group Art Unit
2749

Page 1 of 1

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	6,087,956	7/2000	Helferich	340	825.44
B	5,974,447	10/1999	Cannon et al.	709	206
C	5,694,120	12/1997	Indekeu et al.	340	825.44
D	5,870,030	2/1999	DeLuca et al.	340	825.44
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
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T						

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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V		
W		
X		

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	19529-034	08/933,344
	Applicant(s)	
	Richard J. Helferich	
	Filing Date	Group Art Unit
	September 19, 1997	2749



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	6,021,433	2/1/00	Payne et al.			

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REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
T. Nguyen	
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Restondocs:17761.1(DPD011.DOC)

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**



Docket Number	Application Number
19504-012	08/933,344
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
September 19, 1997	2746

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,003,576	3/26/91	Helferich			
	B	5,592,532	1/7/97	Koizumi			
	C						
	D						

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REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
Not Yet Assigned	
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Restondocs:7690.1(5XM01!.DOC)

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

Docket Number	Application Number
19504-012	08/933,344
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
9/19/97	2746

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	A	5,781,857	7/14/98	Hwang et al.			6/28/96
	B	5,838,252	11/17/98	Kikinis			9/9/96

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
T. Nguyen	
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Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	1.	4,868,560	9/19/89	Oliwa et al.	340	825	5/11/88
	2.	5,473,667	12/5/95	Neustein	379	57	1/25/93
	3.	5,561,702	10/1/96	Lipp et al.	379	57	1/18/94
	4.	5,630,207	5/13/97	Gitlin et al.	455	54	6/19/95
	5.	5,684,859	11/4/97	Chanroo et al.	379	58	5/1/95
	6.	5,726,643	3/10/98	Tani	340	825	1/3/95
	7.	5,761,622	6/2/98	Priest	455	522	5/18/95
	8.	5,809,130	9/15/98	Ayala	379	266	7/8/93
	9.	5,850,594	12/15/98	Cannon et al.	455	31.3	8/26/96

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Notice of References Cited

Application No.
08/933,344

Applicant(s)

Helferich

Examiner

Thuan Nguyen

Group Art Unit

2746

Page 1 of 1

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,696,500	12/09/97	Diem	455	31.2
B	5,463,672	10/31/95	Kage	455	458
C	5,175,758	12/29/92	Levanto et al.	455	458
D	5,815,800	09/29/98	Su et al.	455	31.2
E	5,455,823	10/03/95	Noreen et al.	455	31.1
F	5,489,894	02/08/96	Murray	455	38.4
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NON-PATENT DOCUMENTS

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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

6300-0006-52

SERIAL NO.

08/933,344

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Richard J. HELFERICH

FILING DATE

September 19, 1997

GROUP

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,448,759	09/05/95	Jay R. KREBS, et al.			
	AB	5,239,679	08/24/93	Makoto MURAI			
	AC	5,774,803	06/30/98	Kazuo KARIYA			
	AD	5,257,307	10/26/93	Masahiro ISE			
	AE	5,694,120	12/02/97	Jack P. INDEKEU, et al.			
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FOREIGN PATENT DOCUMENTS

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	AO					
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	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 31520/169696

SERIAL NO. 08/933,344

MATERIAL INFORMATION STATEMENT
(Use several sheets if necessary)

APPLICANT: Richard J. Helferich

FILING DATE: September 19, 1997

GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,118,145	01/14/64	Nee			
	4,480,253	10/30/84	Anderson			
	4,644,352	02/17/87	Fujii			
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	4,812,843	03/14/89	Champion, III et al.			
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	5,185,604	02/09/93	Nepple et al.			
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	5,227,774	07/13/93	Benoist			
	5,241,305	08/31/93	Fascenda et al.			
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	5,265,033	11/23/93	Vajk et al.			
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	5,396,537	03/07/95	Schwendeman			
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	5,410,302	04/25/95	Dulaney, III et al.			
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EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Document : Statutory Invention Registration No. H610; Date: 03/07/89; Inventor: Focarile et al.

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